



09-30-2009

Dear Erich Cleaver,

Thank you for your patience. I hope I now have all the information that is needed.

The ammonia readings have been high since the ice storm in February, '09. The power was off for so long, I believe this had an effect on the ammonia. We had the sewage plant pumped out in August, '09 and the readings are good. I'm sending you a copy of September's Analysis. I'm also sending 4 copies of Analysis Reports before 2009.

Thank You,
E. Jane Jackson

ANALYSIS REPORT

Report Date: 09/14/2009

Attn: Charles Jackson
Jackson Mobile Home Park
900 Hartford Road
Hawesville, KY 42348

Sample ID: 4044
Sample Date: 09/09/2009

Sample Description: KPDES - 001

Permit No: KY0023981

Analysis Date	Method	Analyst	Test	Results	Discharge Limitations
09/09/2009 @ 14:00	SM 5210B	CP	Biochemical Oxygen Demand	4 mg/L	Mo. Avg. (30 mg/L) Day Max (60 mg/L)
09/09/2009 @ 13:15	SM 2540D	CP	Total Suspended Solids	28 mg/L	Mo. Avg. (30 mg/L.) Day Max (60 mg/L)
09/09/2009 @ 13:30	SM9222D	CP	Fecal Coliform	100 CFU/100mL	Mo. Avg. (200 mg/L) * Day Max (400 mg/L)
09/09/2009 @ 13:30	SM 4500-NH3E	WM	NH ₃ - N	3.62 mg/L	Mo. Avg. *(4 mg/L) *(10 mg/L) Day Max *(8 mg/L)**(20 mg/L)
09/09/2009	SM 4500-O	ON SITE	Dissolved Oxygen	7.0 mg/L	No <7.0
09/09/2009	EPA 150.1	ON SITE	pH	7.50 S.U.	No <6.00 or >9.00 S.U.

*Limits effective May 1 - October 31

**Limits effective November 1 - April 30

Submitted By: Charles P. H.

ANALYSIS REPORT

Report Date: 04/07/2008

Attn: Charles Jackson
Jackson Mobile Home Park
900 Hartford Road
Hawesville, KY 42348

Sample ID: 8057
Sample Date: 04/02/2008

Jackson Mobile Home Park - Effluent

Analysis Date	Method	Analyst	Test	Results	Discharge Limitations Permit No: KY0023981
04/02/2008 @ 15:00	SM 5210 B	DM	Biochemical Oxygen Demand	2 mg/L	mtl avg (30 mg/L) day max (60 mg/L)
04/02/2008 @ 17:00	SM 2540 D	DM	Total Suspended Solids	5 mg/L	mtl avg (30 mg/L) day max (60 mg/L)
04/02/2008 @ 14:00	SM9222 D	SE	Fecal Coliform	<5 CFU/100ml	mtl avg (200 mg/L) day max (400 mg/L)
04/03/2008 @ 06:30	SM 4500-NH3E	WM	Ammonia - N	2.08 mg/L	mtl avg *(4 mg/L) **(10 mg/L) day max *(8 mg/L) **(20 mg/L)
04/02/2008		On site	Dissolved Oxygen	7.0 mg/L	no <7.0
04/02/2008		On site	pH	6.50 S.U.	no <6.0 or >9.0 S.U.

Submitted By:



*Limits effective May 1 - October 31

**Limits effective November 1 - April 30

ANALYSIS REPORT

Report Date: 04/01/2008

Attn: Charles Jackson
Jackson Mobile Home Park
900 Hartford Road
Hawesville, KY 42348

Sample ID: 7984
Sample Date: 03/26/2008

Jackson Mobile Home Park - Effluent

Analysis Date	Method	Analyst	Test	Results	Discharge Limitations Permit No: KY0023981
03/26/2008 @ 15:00	SM 5210 B	DM	Biochemical Oxygen Demand	4 mg/L	mtb avg (30 mg/L) day max (60 mg/L)
03/27/2008 @ 09:00	SM 2540 D	DM	Total Suspended Solids	9 mg/L	mtb avg (30 mg/L) day max (60 mg/L)
03/26/2008 @ 14:35	SM9222 D	SE	Fecal Coliform	<5 CFU/100ml	mtb avg (200 mg/L) day max (400 mg/L)
03/26/2008 @ 14:30	SM 4500-NH3E	WM	Ammonia - N	2.55 mg/L	mtb avg *(4 mg/L) **(10 mg/L) day max *(8 mg/L) **(20 mg/L)
03/26/2008		On site	Dissolved Oxygen	7.0 mg/L	no <7.0
03/26/2008		On site	pH	7.5 S.U.	no <6.0 or >9.0 S.U.

Submitted By: 

*Limits effective May 1 - October 31

**Limits effective November 1 - April 30

ANALYSIS REPORT

Report Date: 08/13/2007

**Attn: Charles Jackson
Jackson Mobile Home Park
900 Hartford Road
Hawesville, KY 42348**

**Sample ID: 5251
Sample Date: 08/08/2007**

Jackson Mobile Home Park - Effluent

Analysis Date	Method	Analyst	Test	Results	Discharge Limitations Permit No: KY0023981
08/08/2007 @ 15:00	SM 5210 B	SC	Biochemical Oxygen Demand	4 mg/L	mtb avg (30 mg/L) day max (60 mg/L)
08/08/2007 @ 14:20	SM 2540 D	SC	Total Suspended Solids	4 mg/L	mtb avg (30 mg/L) day max (60 mg/L)
08/08/2007 @ 14:00	SM9222 D	SC	Fecal Coliform	<5 CFU/100ml	mtb avg (200 mg/L) day max (400 mg/L)
08/08/2007 @ 14:15	SM 4500-NH3E	WM	Ammonia - N	0.695 mg/L	mtb avg *(4 mg/L) **(10 mg/L) day max *(8 mg/L) **(20 mg/L)
08/08/2007		On site	Dissolved Oxygen	7.0 mg/L	no <7.0
08/08/2007		On site	pH	6.50 S.U.	no <6.0 or >9.0 S.U.

Submitted By: _____

Stacy Campbell

*Limits effective May 1 - October 31

**Limits effective November 1 - April 30

ANALYSIS REPORT

Report Date: 10/15/2007

Attn: Charles Jackson
Jackson Mobile Home Park
900 Hartford Road
Hawesville, KY 42348

Sample ID: 5996
Sample Date: 10/09-10/2007

Jackson Mobile Home Park - Effluent

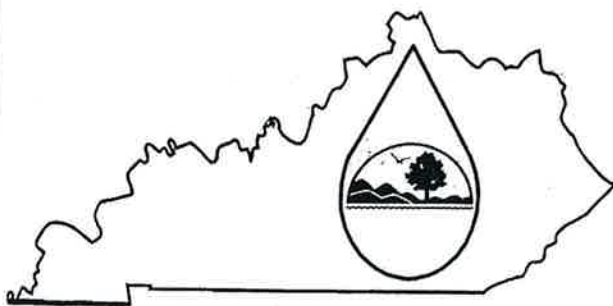
Analysis Date	Method	Analyst	Test	Results	Discharge Limitations Permit No: KY0023981
10/10/2007 @ 15:00	SM 5210 B	JD	Biochemical Oxygen Demand	4 mg/L	mth avg (30 mg/L) day max (60 mg/L)
10/10/2007 @ 15:30	SM 2540 D	JD	Total Suspended Solids	<2.5 mg/L	mth avg (30 mg/L) day max (60 mg/L)
10/10/2007 @ 14:20	SM9222 D	JD	Fecal Coliform	<5 CFU/100ml	mth avg (200 mg/L) day max (400 mg/L)
10/10/2007 @ 14:10	SM 4500-NH3E	WM	Ammonia -- N	0.467 mg/L	mth avg *(4 mg/L) **(10 mg/L) day max *(8 mg/L) **(20 mg/L)
10/10/2007		On site	Dissolved Oxygen	7.0 mg/L	no <7.0
10/10/2007		On site	pH	7.00 S.U.	no <6.0 or >9.0 S.U.

Submitted By:

Mallisa McGraw

*Limits effective May 1 - October 31

**Limits effective November 1 - April 30



KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT APPLICATION

A complete application consists of this form and Form 1.
For additional information, contact: KPDES Branch, (502) 564-3410.

NAME OF FACILITY: <u>Jackson Mobile Home Park</u>											
I. FACILITY DISCHARGE FREQUENCY				AGENCY USE	0	0	2	3	9	8	1
A. Do discharge(s) occur all year? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (Complete Item IX for intermittent discharges.)											
B. How many days per week? <u>7</u>											
II. A. Give the basis of design for sizing of the wastewater facility (see instructions): <u>2500 gallon sewage Plant</u>											
B. If new discharger, indicate anticipated discharge date:											
C. Indicate the design capacity of the treatment system: <u>2500 gal</u> / <u>2500 gal</u> MGD . <u>0025</u>											

III. Outfall Location (see instructions)

Outfall (list)	LATITUDE			LONGITUDE			RECEIVING WATER (name)
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
<u>001</u>	<u>37°</u>	<u>52'</u>	<u>50"</u>	<u>86°</u>	<u>43'</u>	<u>50"</u>	<u>Lead Creek</u>

Method used to obtain latitude/longitude
(i.e. GPS unit, USGS topographic map coordinates, etc.)

USGS topographic map coordinates

IV. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES (see instructions)				
If wastewater other than domestic or sanitary is listed, complete page 4 in addition to page 1 and 2.				
OUTFALL NO. (list)	OPERATION(S) CONTRIBUTING FLOW		TREATMENT	
	Operation (list)	Avg/Design Flow (include units)	List treatment components	List Codes from Table SC-1
001	Domestic Waste	0025	Ext. Aeration/Chlor	5 F

V. Check the type(s) of wastewater discharged.

- ☒ Domestic (60% or more sanitary sewage)
 ☐ Oil field waste
☐ Noncontact cooling water
 ☐ Other (list):

VI. Does all water used at facility (except for human consumption) flow to a treatment plant? ☒ Yes ☐ No

VII. Discharge to other than surface waters. Check appropriate location:

- ☐ Publicly-owned lake or impoundment Name of lake:
☐ Publicly-owned treatment works (POTW). Name of POTW:
☐ Land application of Effluent
☐ Surface injection (Check term and identify on map) ☐ lateral field; ☐ sinkhole; ☐ sinking stream; ☐ deep well
☐ Closed Circuit (Check appropriate term) ☐ Holding tank; ☐ Mechanical evaporation; ☐ Waste impoundment

VIII. Check the metals present in the discharge if applicable and indicate the quantity discharged per year. (Indicate units).

<input type="checkbox"/>	Antimony	
<input type="checkbox"/>	Arsenic	
<input type="checkbox"/>	Beryllium	N/A
<input type="checkbox"/>	Cadmium	
<input type="checkbox"/>	Chromium	

<input type="checkbox"/>	Copper	
<input type="checkbox"/>	Lead	
<input type="checkbox"/>	Mercury	N/A
<input type="checkbox"/>	Nickel	
<input type="checkbox"/>	Selenium	

<input type="checkbox"/>	Silver	
<input type="checkbox"/>	Thallium	
<input type="checkbox"/>	Zinc	N/A
<input type="checkbox"/>		
<input type="checkbox"/>		

IX. INTERMITTENT DISCHARGES (Complete this section for intermittent discharges.)

A. Number of bypass points:	(If bypass points are indicated, information below must be completed for each bypass.)	
Check when bypass occurs:	<input type="checkbox"/> Wet Weather	<input type="checkbox"/> Dry Weather
Give the number of bypass incidents	per year	per year
Give average duration of bypass	hours	hours
Give average volume per incident	1,000 gallons	1,000 gallons
Give reason why bypass occurs:		

B. Number of Overflow Points: (If discharge is from an overflow point, the information below must be completed.)

Check when overflow occurs:	<input type="checkbox"/> Wet Weather	<input type="checkbox"/> Dry Weather
Give the number of overflow incidents:	per year	per year
Give average duration of overflow:	hours	hours
Give average volume per incident:	1,000 gallons	1,000 gallons

C. Number of seasonal discharge points	
Give the number of times discharge occurs per year	
Give the average volume per discharge occurrence	(1,000 gallons)
Give the average duration of each discharge	(days)
List month(s) when the discharge occurs	

X. AREA SERVED (see instructions)

NAME	ACTUAL POPULATION SERVED
Mobile Home Park	7 Mobile Homes
	11 adults 4 children
TOTAL POPULATION SERVED	

(PLEASE COMPLETE THIS PAGE IF OTHER THAN DOMESTIC WASTEWATER IS DISCHARGED)

XI. COOLING WATER ADDITIVES AND THEIR COMPOSITIONS

Additive	Composition	Concentration (mg/l)

XII. EFFLUENT CHARACTERISTICS

A. Indicate results of analysis for pollutants listed below.

POLLUTANT/PARAMETER	MAX DAILY VALUE	AVG DAILY VALUE	NUMBER OF SAMPLES
BOD ₅	5 mg/L	3.75 mg/L	4
TOTAL SUSPENDED SOLIDS	28 mg/L	11 mg/L	4
FECAL COLIFORM	100 CFU/100mL	27 CFU/100mL	4
TOTAL RESIDUAL CHLORINE		1.0	1
Total OIL AND GREASE		≤ 5.00 mg/L	1
CHEMICAL OXYGEN DEMAND		98 mg/L	1
TOTAL ORGANIC CARBON		31.0 mg/L	1
AMMONIA	51.7 mg/L	19.9 mg/L	4
DISCHARGE FLOW		* 500 gallons	
PH	7.50 S.U.	7.0 S.U.	4
TEMPERATURE (WINTER)			
TEMPERATURE (SUMMER)		24°C	

B. Frequency and duration of flow:

24/7

XIII. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

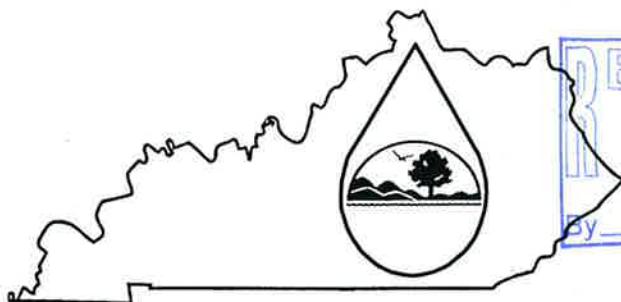
NAME AND OFFICIAL TITLE (type or print):	TELEPHONE NUMBER (area code and number):
Charles P. Jackson owner m.H.P.	(270) 927-6885
SIGNATURE	DATE
Charles P. Jackson	8/9/09

* This is an average of how much water is used daily

KPDES FORM 1

AI# 11a29

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM



PERMIT APPLICATION

This is an application to: (check one)

- ☐ Apply for a new permit.
☒ Apply for reissuance of expiring permit.
☐ Apply for a construction permit.
☐ Modify an existing permit.

Give reason for modification under Item II.A.

A complete application consists of this form and one of the following:

Form A, Form B, Form C, Form F, or Form SC

For additional information contact:

KPDES Branch (502) 564-3410

CK 200

I. FACILITY LOCATION AND CONTACT INFORMATION		AGENCY USE	00	2	39	8	1
A. Name of business, municipality, company, etc. requesting permit JACKSON Mobile Home Park							
B. Facility Name and Location Facility Location Name: Jackson Mobile Home Park		C. Primary Mailing Address (all facility correspondence will be sent to this address). Include owner mailing address on a separate sheet if different. Facility Contact Name and Title: Mr. <input checked="" type="checkbox"/> Ms. <input checked="" type="checkbox"/> Charles P. + E. Jane Jackson					
Facility Location Address (i.e. street, road, etc., not PO Box): 900 Hartford Rd.		Mailing Address: 900 Hartford Rd.					
Facility Location City, State, Zip Code: Hawesville, Ky 42348		Mailing City, State, Zip Code: Hawesville, Ky 42348					
		Facility Contact Telephone Number: (270) 927-6885					

II. FACILITY DESCRIPTION			
A. Provide a brief description of activities, products, etc: Sewage Treatment Plant for Mobile Home Park			
B. Standard Industrial Classification (SIC) Code and Description			
Principal SIC Code & Description:	# 6515 (MHP)		
Other SIC Codes:	N/A		

III. FACILITY LOCATION	
A. Attach a U.S. Geological Survey 7 1/2 minute quadrangle map for the site. (See instructions)	
B. County where facility is located: Hancock	City where facility is located (if applicable):
C. Body of water receiving discharge: Lead Creek Hwy 69S or Hartford Rd.	
D. Facility Site Latitude (degrees, minutes, seconds): 37° 52' 50"	Facility Site Longitude (degrees, minutes, seconds): 86° 43' 50"
E. Method used to obtain latitude & longitude (see instructions): topographic map coordinates	
F. Facility Dun and Bradstreet Number (DUNS #) (if applicable):	

IV. OWNER/OPERATOR INFORMATION	
A. Type of Ownership: <input type="checkbox"/> Publicly Owned <input checked="" type="checkbox"/> Privately Owned <input type="checkbox"/> State Owned <input type="checkbox"/> Both Public and Private Owned <input type="checkbox"/> Federally owned	
B. Operator Contact Information (See instructions)	
Name of Treatment Plant Operator: Charles & E. Jane Jackson	Telephone Number: (270) 927-6885
Operator Mailing Address (Street): 900 Hartford Rd.	
Operator Mailing Address (City, State, Zip Code): Hawesville, Ky 42348	
Is the operator also the owner? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the operator certified? If yes, list certification class and number below. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Certification Class: Class 1 Wastewater	Certification Number: 01084

V. EXISTING ENVIRONMENTAL PERMITS		
Current NPDES Number: Ky 0023 981	Issue Date of Current Permit: Aug 1, 2005	Expiration Date of Current Permit: Feb 28, 2010
Number of Times Permit Reissued: 3 1990-95-00-05	Date of Original Permit Issuance: 1990	Sludge Disposal Permit Number:
Kentucky DOW Operational Permit #:	Kentucky DSMRE Permit Number(s):	

Which of the following additional environmental permit/registration categories will also apply to this facility?

CATEGORY	EXISTING PERMIT WITH NO.	PERMIT NEEDED WITH PLANNED APPLICATION DATE
Air Emission Source		
Solid or Special Waste		
Hazardous Waste - Registration or Permit		

VI. DISCHARGE MONITORING REPORTS (DMRs)

KPDES permit holders are required to submit DMRs to the Division of Water on a regular schedule (as defined by the KPDES permit). Information in this section serves to specifically identify the name and telephone number of the DMR official and the DMR mailing address (if different from the primary mailing address in Section I.C).

A. DMR Official (i.e., the department, office or individual designated as responsible for submitting DMR forms to the Division of Water): Mc Graw & Mc Graw	
DMR Official Telephone Number: (270) 830-7075 Fax 270-830-7348	
B. DMR Mailing Address:	
<ul style="list-style-type: none"> Address the Division of Water will use to mail DMR forms (if different from mailing address in Section I.C), or Contact address if another individual, company, laboratory, etc. completes DMRs for you; e.g., contract laboratory address. 	
DMR Mailing Name:	
DMR Mailing Address:	
DMR Mailing City, State, Zip Code:	

VII. APPLICATION FILING FEE

KPDDES regulations require that a permit applicant pay an application filing fee equal to twenty percent of the permit base fee. Please examine the base and filing fees listed below and in the Form 1 instructions and enclose a check payable to "Kentucky State Treasurer" for the appropriate amount (for permit renewals, please include the KPDDES permit number on the check to ensure proper crediting). Descriptions of the base fee amounts are given in the "General Instructions."

Facility Fee Category:

Small - Non - P.O.T.W.

Filing Fee Enclosed:

200.00

VIII. CERTIFICATION

Charles P. Jackson

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME AND OFFICIAL TITLE (type or print):

TELEPHONE NUMBER (area code and number):

Mr. ☒ Ms. ☐

Charles P. Jackson owner MHP

(270) 927-6885

SIGNATURE

DATE:

Charles P. Jackson

8/9/09

KPDES FORM 1 -- INSTRUCTIONS

Listed below are explanations of select Form 1 questions. If further information is needed concerning any question, please contact Division of Water, KPDES Branch at (502) 564-3410.

I. Facility Location and Contact Information

- A. Use the official or legal name of the business, company, municipality, etc. requesting permit.
- B. The facility name should be the name by which the facility is commonly known and/or uniquely identified. The information given as the facility name and location address should be the actual location of the facility (i.e. road name, highway number, not the P O Box address).
- C. The primary mailing address should be the legal permittee of record and is the address where correspondence regarding the application, permit, etc. for the facility will be sent unless otherwise indicated. The owner mailing address is to be provided on a separate sheet if different from the primary mailing address.

II. Facility Description

- A. Briefly describe the nature of the business and the activities being conducted that require a KPDES permit.
- B. The SIC codes are numbers and descriptions of activities classified by the Executive Office of the President, Office of Management and Budget. These are found in the 1987 Edition of the Standard Industrial Classification (SIC) Manual. List the SIC codes(s) that best describe the products or services provided by the facility in descending order of importance. If an SIC code book is not available, please describe in detail the nature of the business and activities conducted so that an appropriate code can be assigned.

III. Facility Location

- A. Attach a U.S. Geological Survey (USGS), 7 1/2 minute topographic quadrangle map(s) extending at least one mile beyond the property boundary of the discharge source. Depict or mark the facility and each of its intake and discharge structures. Also mark the locations of those wells, springs, surface water bodies, and drinking water wells listed in public records or otherwise known to the applicant within one-quarter mile of the facility property boundary. USGS maps may be obtained from the University of Kentucky, Mines and Minerals Bldg. Room 106, Lexington, Kentucky 40506. Phone: (859) 257-3896.
- B. List the county and, if applicable, city where facility is located.
- C. List the body of water receiving discharge.
- D. List the latitude and longitude for the facility site. The latitude/longitude reading for the site should be taken at the influent to the wastewater treatment plant, if applicable.
- E. List the method used to obtain the latitude and longitude (i.e. topo map coordinates, GPS reading, etc.)
- F. List the facility's Dun and Bradstreet Number if applicable.

IV. Owner/Operator Information

- A. Place a check in the applicable type ownership as listed.
- B. These sections must be completed by **all municipal and sanitary wastewater applicants** and other facilities as applicable.

List the name and address of the person who operates the sewage treatment plant.

Indicate if the operator is also the owner.

The operator must be currently certified with the Division of Water. For information concerning those requirements, contact: Division of Water, Certification Section, at (502) 564-3410.

List the Operator's Certification Class and Certification Number.

- V. List any existing environmental permits which the facility has or will be applying for.

- VI. List the address where Discharge Monitoring Report (DMR) forms are to be mailed.

VII. Application Filing Fee

The payment of a filing fee as listed below must accompany the application for a KPDES Permit. **(Your check must be made payable to "Kentucky State Treasurer." For permit renewals, to ensure your account is properly credited, please include the KPDES permit number on the check.)** This fee will be applied toward the final discharge permit fee. The filing fee is not refundable if the application is withdrawn or the permit is denied. Listed below are the facility categories, associated base fees, and application filing fees. (See the "General Instructions" for definitions of facility categories.)

Facility Category	Base Fee	Application Filing Fee
Major Industry	\$3,200	\$640
Minor Industry	\$2,100	\$420
Non-Process Industry	\$1,000	\$200
Large Non-POTW	\$1,700	\$340
Intermediate Non-POTW	\$1,500	\$300
Small Non-POTW	\$1,000	\$200
Agriculture	\$1,200	\$240
Surface Mining Operation	\$1,200	\$240
501(c)(3)	\$100	\$20

If this application is for a new project, see the General Instructions for the applicable Construction Permit fee.

A permit application cannot be processed unless the application filing fee and (if applicable) construction permit fee is enclosed.

Make your check payable to "Kentucky State Treasurer."

VIII. Certification

The permit application must be signed as follows:

Corporation: by a principal executive officer of at least the level of vice president.

Partnership or sole proprietorship: by a general partner or the proprietor respectively.

Municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official.